

## Abstract

-- ~~The method relates to a~~ A method of converting heat energy generated in an evaporator (6) to mechanical energy by expanding an evaporated working fluid ~~which is evaporated~~ includes evaporating the working fluid in the evaporator (6) and expanding the evaporated working fluid ~~expanded~~ in an expansion device (2). ~~According to the invention it is provided that the~~ The expansion is in a low-pressure expansion device which is formed as a roots blower (2), in which the working fluid is expanded and ~~thereby~~ heat energy is converted to mechanical energy.

Fig. 1 --